IN THE CLAIMS:

1.   (Previously presented) A transcoder processing system implemented method for converting documents based on semantic characteristics, comprising:

parsing a document to determine semantic characteristics in a document;

generating semantic tags corresponding to the semantic characteristics in the document to form a semantically tagged document;

receiving a request for a document from a client;

passing the request to an origin server;

receiving the semantically tagged document corresponding to the requested document from the origin server;

parsing the semantically tagged document corresponding to the requested document to locate semantic tags in the document;

performing a syntactical transcoding on the semantically tagged document corresponding to the requested document, wherein at least one semantic characteristic corresponding to a semantic tag in the semantically tagged document is converted based on the information regarding each semantic characteristic of the semantically tagged document; and

sending the converted document with the at least one converted semantic characteristic to the client.

2.   (Original) The transcoder processing system implemented method recited in claim 1 further comprises receiving at least one semantic characteristic preference from the client, wherein the at least one semantic characteristic is automatically converted based on the at least one semantic characteristic preference.

3.   (Original) The transcoder processing system implemented method recited in claim 2, wherein a semantic characteristic preference specified by the client is readability level of the requested document.

4.	(Original) The transcoder processing system implemented method recited in claim 3, wherein the at least one semantic characteristics is the readability level of the requested document.

5.	(Original) The transcoder processing system implemented method recited in claim 2, wherein a semantic characteristic preference specified by the client is locale.

6.	(Original) The transcoder processing system implemented method recited in claim 5, wherein the at least one semantic characteristic is the locale characteristic of the requested document.

7.	(Original) The transcoder processing system implemented method recited in claim 2, wherein a semantic characteristic preference specified by the client is conformance with specified governmental regulations by the requested document.

8.	(Original) The transcoder processing system implemented method recited in claim 7, wherein the at least one semantic characteristic is the conformance with specified governmental regulations of the requested document.

9.	(Original) The transcoder processing system implemented method recited in claim 2, wherein a semantic characteristic preference specified by the client is conformance with specified content filtering in the requested document.

10.	(Original) The transcoder processing system implemented method recited in claim 9, wherein the at least one semantic characteristic is the conformance with specified content filtering of the requested document.

11.	(Original) The transcoder processing system implemented method recited in claim 2, wherein a semantic characteristic preference specified by the client is the natural language of the requested document.

12.   (Original) The transcoder processing system implemented method recited in claim
11, wherein the at least one semantic characteristic is the natural language of the
requested document.

13.   (Original) The transcoder processing system implemented method recited in claim
2 further comprises comparing the at least one semantic characteristic preference
received from the client with semantic conversion features supported by the transcoder
processing system.

14.   (Original) The transcoder processing system implemented method recited in claim
13, wherein the step of passing the request to a server further comprises passing the
request to a transcoding server on the basis of the comparison.

15-18. (Cancelled)

19.   (Previously presented) A transcoder processing system for converting documents
based on semantic characteristics, comprising:

     parsing means for parsing a document to determine semantic characteristics in a
document;

     generating means for generating semantic tags corresponding to the semantic
characteristics in the document to form a semantically tagged document;

     receiving means for receiving a request for a document from a client;

     passing means for passing the request to an origin server;

     receiving means for receiving the semantically tagged document corresponding to
the requested document from the origin server;

     parsing means for parsing the semantically tagged document corresponding to the
requested document to locate semantic tags in the document;

     performing means for performing a syntactical transcoding on the semantically
tagged document corresponding to the requested document, wherein at least one semantic
characteristic corresponding to a semantic tag in the semantically tagged document is

converted based on the information regarding each semantic characteristic of the semantically tagged document; and

sending means for sending the converted document with the at least one converted semantic characteristic to the requesting client.

20. (Original) The transcoder processing system recited in claim 19 further comprises receiving means for receiving at least one semantic characteristic preference from the client.

21. (Original) The transcoder processing system recited in claim 19, wherein a semantic characteristic preference specified by the client is readability level of the requested document.

22. (Original) The transcoder processing system recited in claim 21, wherein the at least one semantic characteristic is the readability level of the requested document.

23. (Original) The transcoder processing system recited in claim 19, wherein a semantic characteristic preference specified by the client is locale.

24. (Original) The transcoder processing system recited in claim 23, wherein the at least one semantic characteristic is the locale characteristic of the requested document.

25. (Original) The transcoder processing system recited in claim 19, wherein a semantic characteristic preference specified by the client is conformance with specified governmental regulations by the requested document.

26. (Original) The transcoder processing system recited in claim 25, wherein the at least one semantic characteristic is the conformance with specified governmental regulations of the requested document.

27.   (Original) The transcoder processing system recited in claim 19, wherein a semantic characteristic preference specified by the client is conformance with specified content filtering in the requested document.

28.   (Original) The transcoder processing system recited in claim 27, wherein the at least one semantic characteristic is the conformance with specified content filtering of the requested document.

29-30. (Cancelled)

31.   (Original) The transcoder processing system recited in claim 19 further comprises comparing means for comparing the at least one semantic characteristic preference received from the client with semantic conversion features supported by the transcoder processing system.

32.   (Original) The transcoder processing system recited in claim 31, wherein the passing means for passing the request to a server further comprises passing means for passing the request to a transcoding server on the basis of the comparison.

33-36. (Cancelled)

37.   (Previously presented) A transcoder processing computer program product for converting documents based on semantic characteristics, comprising:

parsing instructions for parsing a document to determine semantic characteristics in a document;

generating instructions for generating semantic tags corresponding to the semantic characteristics in the document to form a semantically tagged document;

receiving instructions for receiving a request for a document from a client;

passing instructions for passing the request to an origin server;

receiving instructions for receiving the semantically tagged document corresponding to the requested document from the origin server;

parsing instructions for parsing the semantically tagged document corresponding to the requested document to locate semantic tags in the document;

performing instructions for performing a syntactical transcoding on the semantically tagged document corresponding to the requested document, wherein at least one semantic characteristic corresponding to a semantic tag in the semantically tagged document is converted based on the information regarding each semantic characteristic of the semantically tagged document; and

sending instructions for sending the converted document with the at least one converted semantic characteristic to the requesting client.

38.   (Cancelled)